

Bibliographic Index of Geodetic Literature for
40 Years, by Ye. F. Balikov. 635 pp.

RUSSIAN, bk. Bibliograficheskiy Uказатель
Geodesicheskoy Literatury za 40 Let, Moscow,
1961, 535 pp.

ACIC TC-550

Sci - Earth Sci & Astron

63-17340

MSRM

SHB

Jun 65

234,994

Bibliographic Index to Literature on Aerospace
Medicine and Bioastronautics Published in the
USSR 1962-1964, by L. I. Boreva, E. M. Zavodovskaya,
65 pp.

RUSIAN, Nk. Bibliograficheskiy Urazael' Literatury
po Aviakosmicheskoy Meditsine i Bioastronavtike.
Izdatel'stvo SSSR 1963-1964, 7-12 Sep 1964. 9227416
NASA TT F-270

Sct-B/M
USSR
B10g
Jun 65

281,050

S-621/66

Bibliographic Guide of Soviet Literature
on Fisheries, Fishing and Related
Services for the Year 1962.

RUSSIAN, bk, Bibliograficheskiy Uzakatel'

Otrchestvennoy Literatury po Rybnomu

Khozyaystvu i Rybnoy Promyshlennosti i

Smezhnym Naukam za 1962 g., Moscow, 1964

*JPRS/NY-13148

1-188

Sci
Feb 66

Bibliography of Works by Scientific Personnel of
the I. V. Grebenashchikov, Institute of Silicate
Chemistry, Academy of Sciences USSR, 1948-1961,
by Z. P. Galunova, N. P. Gudanova, et al, 194 pp.
RUSSIAN, bk, Bibliograficheskiy Uказатель работ
Nauuchnykh Sotrudnikov Instituta Khimi Silikatov
im. I. V. Grebenashchikova AK Nauk SSSR 1948-
1961gg., Leningrad, 1963, pp 1-168.
JPRS 25037

Sci - CHem

Jun 64

261,101

2357-D

Bibliography of Transactions of the Central-
Scientific Research Institute of Geodesy, Aerial
Surveying, and Cartography 1929-1955, by 57 pp.

RUSSIAN, *zvezdy* monograph, Bibliograficheskiy Uchebnoy
Trudov Tsentral'nogo Nauchno-Issledovatel'skogo
Instituta Geodesii, Aerial'noy geod. i Kartografii za
1929-1955, Izdaniye, Geodesiya, 1956, pp. 5-15;
20-29; 39-42; 44-59.

US J725 L-1404-9

Sci - Geophysics

79, 321

Jan 59

SOVIET BIBLIOGRAPHY OF FOREIGN WORKS ON MACHINE
TRANSLATION, BY I. A. MEL'CHUK, G. S. TSVEYG, 126 PP.

RUSSIAN, BK, BIBLIOGRAFIYA ZARUBEZHNYKH RABOT PO
MASHINNOMU PEREVODU (1960-1961 GG.), MSCOW, 80 PP.

JPRS 19293

SCI - MISC/M.T.

MAY 63

231,116

<p>Petrov, I. ELIMINATE THE DEFICIENCIES IN THE PLANNING AND CONSTRUCTION OF LIBRARY BUILDINGS (Ustranit' Nedostatki v Proyektirovani i Stroitel'stve Bibliotekhnicheskikh Zdaniy). Jan 61 [7 p]. RTS 1586. Order from LC or SLA m\$1.80 ph\$1.80 61-15645 Trans. of Bibliotekar' (USSR) 1956, no. 9, p. 5-9.</p> <p>i51957</p> <p>(Engineering--Civil, TT, v. 3, no. 9)</p>	<p>61-15645</p> <p>I. Libraries--USSR I. Petrov, I. II. RTS-1586 III. Department of Scientific and Industrial Research (Gr. Brit.)</p> <p>Office of Technical Services</p>	
---	--	--

Norms in Library Work, by M. Rubey, ^{SLA} UNCL

RSSIAN, per, Bibliotekar', No 10, 1958,
pp 43-46.

Lending Library Unit
Translations Bulletin
Feb 1959

SLA 59-2636

Sci - Misc

USSR

See -

Apr 59

85,125

Reference Publications of the Lenin State
Library of the USSR, 4 pp. UNCL

RUSZAN, per, *Bibliotekar'*, No 10, 1958,
pp 60, 61.

Lending Library Unit
Translations Bulletin
Feb 1959

Sci - Misc
Apr 59
USSR
See

85,124

Libraries of China, by A. Rafikov, 14 pp. UNCL

ROSSIAW, per, Bibliotekar, No 9, 1959, pp 47-51.

LLU Tr Bul
Mar 1960

Sci - Misc
FE - China
Soc
Mar 60

112, 653

Improve the Propagation of Technical Literature,
by E. Morozova, 8 pp.

RUSSIAN, per, Bibliotekar', No 10, 1960, pp 5-7.

NLL Tr Bul
Vol 3, No 4, 1961

USSR

174, 975

Soc

Dec 61

Kolobova, N. THE READER'S INFORMATION SERVICE (Chitatel' Poluchat Informatsii) tr. by V. Topchy. 1961, 7p. NRCC Technical Trans. 946. Order from NRCC \$0.50 Trans. of <u>Bibliotekar'</u> (USSR) 1960, no. 10, p. 7-9.	61-22394 I. Kolobova, N. II. NRCC TT-946 III. NRCC C-3611 IV. National Research Council of Canada 177600 Office of Technical Services
(Social Sciences--Documentation, TT, v. 6, no. 6)	

THE EVE OF A GLORIOUS ANNIVERSARY, 3 PP.

RUSSIAN, PER, BIBLIOTEKARI, NO 4, 1962, P 8.

NLL TR BULLETIN
VOL 4, NO 9, 1962

USSR
POL
OCT 62

Bimetallic Castings (Selected Chapters), by A.
V. Lakedemonskiy, 144 pp.
RUSSIAN, per, Bimetallicheskiiye, (Chapters II
thru VI), 1964, pp 3-5, 15-123. P100348767-V
FTD-HF-67-85

Sci-Mat
Dec 67

346,795

Perception of An Immobile Retinal Image, by
A. L. Yarbus, 3 pp.

RUSSIAN, per, Biofizika, Vol I, No 5, 1956,
pp 435-437. 9077592

NL M.4135
DSIS, IRB Canada T 352 R

NRIC C 3660

160, 071

Sci - Phys

19 Jul 61

Determination of Concentration of Free Oxygen in
Animal Brain Tissue in Conditions of Chronic Ex-
periments, by A. D. Svezhko.

RUSSIAN, per, Biofizika, Vol I, No. 6, 1956, pp
585-592. CIA 9012034

SLA R-1785

NIH 9-18

Sci - Medicine

51,948

Aug 57

Action of Ionizing Radiations on the Growth
and Development of Certain Agricultural Plants,
by L. P. Basilevsky, M. M. Berezina, G. I.
Sokolovskaya, N. D. Rzhevskaya, T. V.
RUSSIAN, per, Biophiz, Vol I, No 7, 1956, pp
628-632.

ABC ARRS Lib Tr 801

Sci - Biol

Dec 58

77, 952.

A New Method for Recording Eye Movements,
by A. L. Iarbus,
EUSSIAN, per, Biofizika, Vol 1, No 8, 1956,
pp 713-720.

Dept of Navy Tr No 5239/NBS Tr No 1189

Sci-Bq:
Mar 67

230,291

(DC-6927)

THE EFFECT OF ULTRASOUND ON COCCIDIA OOCYTES
OF THE RABBIT, BY YE. M. KHEYSIN,
M. A. KHENOKH, 12 PP.

RUSSIAN, PER, BIOFIZIKA, VOL L, NO 8, 1956,
PP 721-728.

JPRS 14676

SCI - MED

AUG 62

205,840

On Changes in Oxygen Uptake of Brain Tissue
After X Irradiation, by A. D. Snexhko, 17 pp.

RUSSIAN, per, Biofizika, Vol II, No 1, 1957,
pp 37-573.

SLA 60-18560

Sci
Jun 02

199, 770

Vol 4, No 12

The Photosensitizing Activity of
Chlorophyll in Coacervates, by
K. B. Serebrovskaya, et al.
RUSSIAN, per, Biofiz, Vol VII, No 1,
1962, pp 34-41.
NASA TT F-10,711

Sci-B&M
Mar 67

320,850

Coordination of Motor Skills in Man in an
Increased Gravitational Field as a Method of
Studying the Control of Voluntary Movements,
by L. V. Chkhaidze, 12 pp.

RUSSIAN, per, Biofizika, Vol VII, 1962,
pp 80-85. 967/203

FID-IT-62-424

Sci - Med

201,160

18 Jun 62

The Significance of Sulphydryl Groups in the
Origin of the Electrical Reaction of the Isolated
Human and Animal Retina, by V. Zikai¹, G. D.
Desirueglio, 6 pp.

¹U.S.S.R.
KESIAN, ~~magazine~~, Biofizika, Vol VII, No 2, 1962.

44-105-228 Navy Tr 3304/MG 749

Sci
Feb 63

521,508

Short-lasting Phosphorescence of DL-tryptophan in Froze
Frozen Solutions, by G. M. Barenboim, 12 pp.
RUSSIAN, per, Biofizika, Vol VII, No 2, 1962,
pp 227-232.
NNS/1372

Sci/BGM
Sept 69

392,219

Luminescence Spectra of Proteins and Aromatic
Aminoacids With Different pH, by
Yu. A. Valdimirov, Li Chin'-Go, 22 pp.

RUSSIAN, per, Biofizika, Vol VII, 1962,
pp 270-281.

Navy Tr 3633/NMS 821

Sci - Biol & Med
Dec 63

244, 111

The Rate of Chlorophyl Metabolism in the
Green Plant, by A. A. Shlyk, L. I. Fradkin,
14 pp.

RUSSIAN, per, Biofizika, Vol 7, No 3, 1962,
pp 281-291.

CFSTI TT-64-19453

321,672

Sci - B&M
Mar 67

CHANGE IN IMPEDANCE OF THE NERVE STEM OF A FROG
UNDER THE ACTION OF VISIBLE LIGHT, BY M. V. KIRZON,
YU. V. MINEYEV, ET AL, 8 PP.

RUSSIAN, PER, BIOFIZIKA, VOL VII, NO 3, MAY/JUN 1962,
PP 306-310. 9678382

FTD-TT-62-1106

SCI - MED
11 OCT 62

212,326

Concerning the Effect of Constant
Current on the Electroretinogram of
Frog, By Iu. A. Trifonov, et al.
RUSSIAN, per, Biofizika, Vol VII,
No 4, 1962, pp 426-432.
NII 11-31-64

Sci-BuM
Jul 65

286,132

The Protective Action of a Liquid Medium Against
Shock ~~AER~~ Accelerations, by G. P. Mirolyubov, 4 pp.
FOR OFFICIAL USE ONLY

RUSSIAN, per, Biofizika, Vol VII, No 4, 1962,
pp 468-472.

JCS 6010012763

Sci - Biol & Med Sci
Jun 63

235, 760

SPECTRAL STUDY OF THE LUMINESCENCE OF THE TISSUES
OF THE OTORHINOLARYNGOLOGICAL ORGANS, BY
YU. N. YEFUNI, A. V. KARYAKIN, 6 PP.

RUSSIAN, PER, BIOFIZIKA, VOL VII, NO 4, 1962,
PP 460-483.

JPRS 19285

SCI - MED/BIOL

MAY 63

231,034
280X00X

Spectral Investigations of the State of Water in
Chlorophyll, by A. V. Karyakin, A. K. Chibisov, 7 pp.

RUSSIAN, per, Biofizika, Vol VII, No 5, 1962, pp 561-⁵⁶⁷
9208771

AEC-Tr-5662
OTS 63-16722

Sci - Phys

Jul 63

236,186

Rubin, A. B., Minchenkova, L. E. and others.
MEAN DURATION OF PROTOCHLOROPHYLL
FLUORESCENCE IN THE GREENING PROCESS OF
ETIOLATED LEAVES. [1963] [8]p. 20 refs.
Order from OTS or SLA \$1.10 63-16728

Trans. of Biofizika (USSR) 1962, v. 7, p. 571-577.

DESCRIPTORS: *Chlorophylls, *Plant pigments,
*Fluorescence, *Bleaching, Illumination, Photochemistry.

Measurements of the mean duration, τ , and the fluorescence spectra of etiolated leaves in the process of their illumination at + 20° showed that the value of τ does not remain constant, but displays changes. In the first minutes of illumination the value of τ for protochlorophyll 655 fluorescence falls from $(3.2-3.5) \cdot 10^{-9}$ sec. to $(2.0-2.5) \cdot 10^{-9}$ sec. The value of τ for the (Biological Sciences--Biochemistry, TT, v. 10, no. 8)
(over)

63-16728

1. Title: Leaves
2. Title: Protochlorophyll
- I. Rubin, A. B.
- II. Minchenkova, L. E.

Office of Technical Services

Litvin, F. F., Rikhireva, G. T., and
Krasnovskii, A. A.

LOW TEMPERATURE SPECTRA OF LEAVES AND
THE STATE OF CHLOROPHYLL. [1963] [15]p.
50 refs.

Order from OTS or CIA \$1.60

63-16727

Trans. of #Biofizika (USSR) 1962, v. 7 [no. 5]
p. 578-591.

DESCRIPTORS: Low temperature research, *Plants
(Botany), *Chlorophylls, *Spectrographic analysis,
Biosynthesis, Photosynthesis, Cytochemistry, *Plant
pigments.

(Biological Sciences--Biochemistry, TT, v. 10, no. 9)

63-16727

- I. Title: Leaves
- II. Litvin, F. F.
- III. Rikhireva, G. T.
- IV. Krasnovskii, A. A.

Office of Technical Services

The Rate of Chlorophyl Metabolism in the Green
Plant, by A.A. Shlyk, L.I. Fradkin, 14p.
RUSSIAN, per, Biofizika (USSR), Vol 7, No 3,
1962, pp 281-291.
TT-64-19453

321,672

Agri
Sci - O&S
Mar 67

The Kinetics of Biosynthesis, by Vol'kenshteyn, M. V.
Godzhayev, et al. 6 pp.

N.M.
RUSSIAN, per, Biofizika, Vol. VIII, No 1, 1963,
pp 3-8,

ACSI I-3242
ID 2244419

240,836

Sci - Phys
Nov 63

Biogeochemical Methods of Prospecting, by
Dmitriy Petrovich Malyuga, 205 pp.
RUSSIAN, bk, Biogeokhimicheskii Metod
Pol'skov Rudnykh Mestorozhdenii, Moscow,
1963.

CB

Sci Agri
Apr 65

278,744

Available from
Ly Ser TN270
.M2E5

BD-633

(NY-3376).

The Great Soviet Encyclopedia -- Biographical
Dictionary of Natural Science and Engineering
Personnel, 387 pp.

RUSSIAN, bk, Biograficheskiy Slovar' Deyateley
Yestestvoznaniya i Tekhniki, vol I, Moscow, 1958.

JPRS 2893

USSR
Bio

119,939

(BD-635)

(NY-3376).

Biographical Sketches of Soviet Scientific
Personalities, 186 pp.

RUSSIAN, bk, Biograficheskiy Slovar' Deyateley
Yestestvoznaniya i Tekhniki, Vol II, 1959.

JPRS 2657

Sci - Bio
Jun 60

117,342

On the Question of the Oxidation of Carotin,
by V. A. Kirsanova, 13 pp.

RUSSIAN, per, Biokhimiya, Vol III, No 2,
1938, pp 191-200.

Sci Mus Lib Tr 57/1791

Sci - Chemistry
Nov 57

55, 115

DSIR/30531/CT

On the Variability of the Amino Acid Content of
Brain Proteins, by A. Tustanovsky, 8 pp.

RUSSIAN, per, Biokhimiia, Vol III, 1938, pp 218-
230. 9099119

NIH 3-73-62

198, 611

Sci - Med

Jun 62

Oxidative Breakdown of Phosphogluconic Acid, by
V. A. Engel'gardt, ex A. P. Barkhash, 23 pp.

RUSSIAN, per, Biokhimiya, Vol III, No 4, 1938,
pp 500-521.

Sci Tr Center
NT-1512

Scientific - Chemistry

18,915

Proteolytic Activity of Malignant Formations
Report II. Alteration of Cleavage of Rat Muscle
Proteins in the Process of the Development of a
Sarcoma (Report I given in Biokhimiia, Vol III, No 4,
1938), by V. N. Orekhovich, 7 pp.

Full translation.

RUSSIAN, per, Biokhimiia (reprint), Vol III, No 5,
1938, pp 616-619.

CIA/FDD/X-768

70⁰

Scientific - Medicine, microbiology
Apr 53 CTS

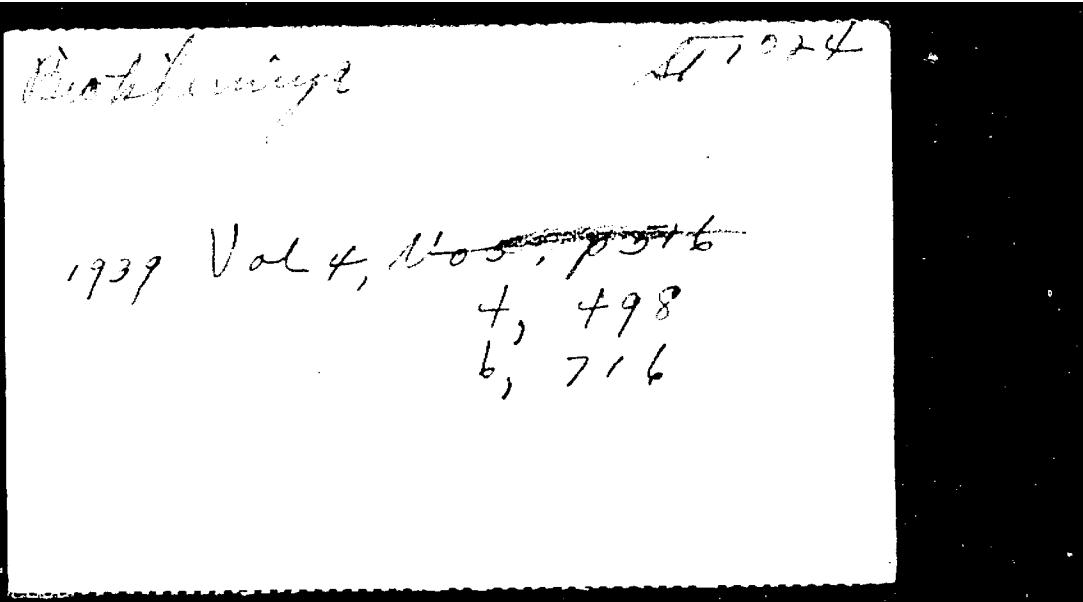
Mechanism of Phosphorylation Associated
with Respiration, by V. A. Balitser, et
al.

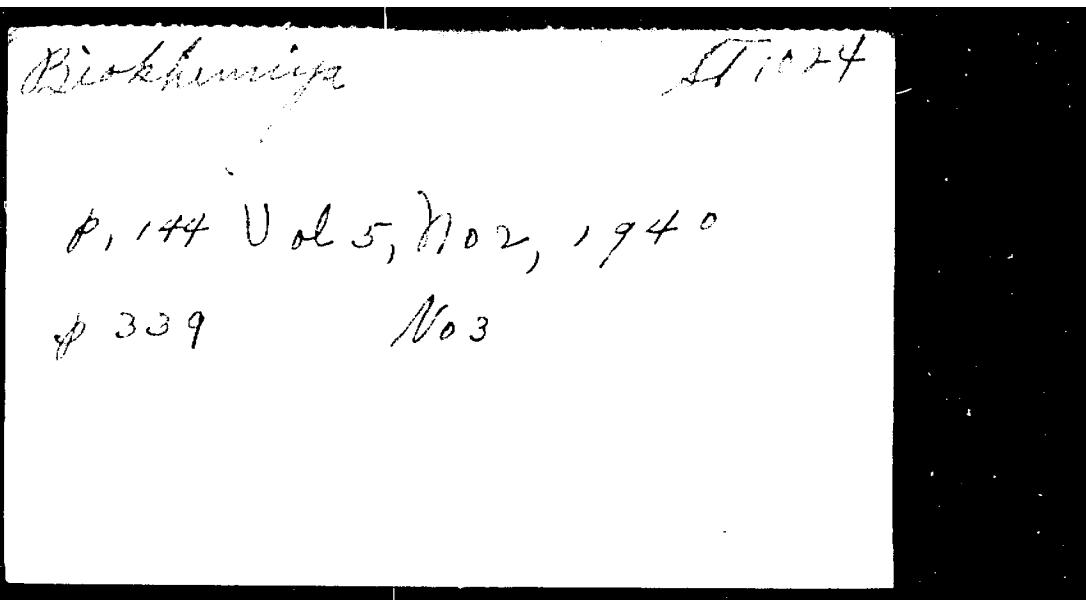
RUSSIAN, per, Biokhimiia, 4:5, 516-535,
1939.

Dept HEW, NIH 8-6-65

Sci-Biol & Med
Oct 65

288, 636





Alteration of Animal Tissues Proteins in the Process
of the Development of Malignant Neoplasms, by
V. N. Orekhovich, 11 pp.

Full translation.

RUSSIAN, per, Biokhimiia (reprint), Vol V, No 3,
1940, pp 331-337.

CIA/FDD/X-767

Scientific - Medicine, microbiology

Apr 53 CTS

693

<p>Stepanov, A., Kusin, A. and others. SPECIFIC POLYSACCHARIDES OF THE BLOOD, tr. by H. Norris. 23 Oct 41. 11p. Order from OTS or SLA \$1.60 61-19739</p> <p>Trans. of Biokhimiya (USSR) 1940, v. 5, no. 5, p. 547-556.</p> <p>DESCRIPTORS: *Blood chemistry, *Saccharides</p> <p>(Biological Sciences--Biochemistry, TT, v. 6, no. 1)</p>	<p>61-19739</p> <p>I. Stepanov, A II. Kusin, A. III. National Institutes of Health, Bethesda, Md.</p> <p>161851</p> <p>Office of Technical Services</p>
--	---

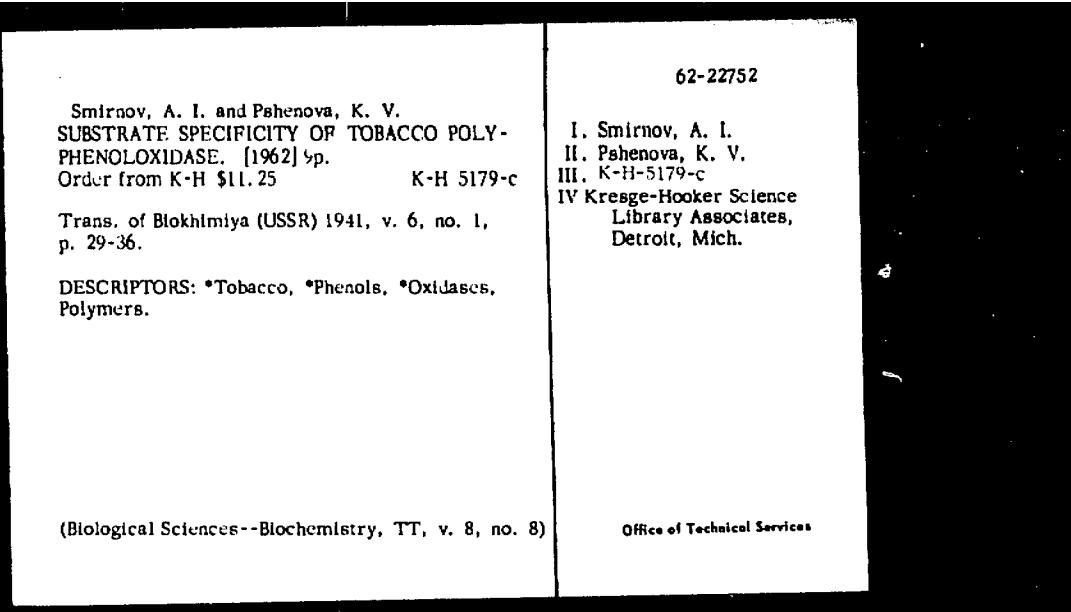
Qualitative Characteristics of Gluten Proteins and Their
Changes on Dispersion in Lactic Acid, by N. I. Proskuryakov
A. A. Bandal, V. M. Zazyulinskiy.

RUSSIAN, bimo per, Biokhim, Vol V, No 5, 1940, pp 557-566.

ABC Gr 305
DRB-TT-141

16,675

Scientific - Chemistry



Biochemistry

ST 1024

1941 Vol 6, No 2, 118
3, 236
485, 379

Bodhavaya

F1054

Vol. 7, No 182, 1942.
P 12